

CLAIMS

1. A white film for a reflecting structure for surface light sources, which contains voids inside it and has a light stabilizer-containing coating film formed on at least one surface of it.

2. The white film for a reflecting structure for surface light sources as claimed in claim 1, wherein the coating layer is formed of a copolymer of an acrylic or methacrylic resin with a light stabilizer component.

3. The white film for a reflecting structure for surface light sources as claimed in claim 1 or 2, wherein the light stabilizer is at least any one of hindered amines, benzotriazoles, and benzophenones.

4. The white film for a reflecting structure for surface light sources as claimed in any of claims 1 to 3, of which the mean reflectance is at least 85 %, measured on the light stabilizer-containing coating layer thereof exposed to light having a wavelength of from 400 to 700 nm.

5. The white film for a reflecting structure for surface light sources as claimed in any of claims 1 to 4, of which the degree of glossiness is at most 60 %, measured on the light stabilizer-containing coating layer thereof.

6. The white film for a reflecting structure for surface light sources as claimed in any of claims 1 to 5, of which the

white film is formed of a resin composition consisting essentially of polyester.

7. The white film for a reflecting structure for surface light sources as claimed in any of claims 1 to 6, in which the voids are formed through melt extrusion of a mixture of a polyester resin, and a resin not miscible with the polyester resin and/or organic or inorganic fine particles, followed by stretching the sheet in at least one direction.

8. The white film for a reflecting structure for surface light sources as claimed in any of claims 1 to 7, of which the white film is a composite film.

9. The white film for a reflecting structure for surface light sources as claimed in claim 8, of which the composite layers of the white film contain inorganic fine particles and have voids formed from the nuclei of the fine particles therein.

10. The white film for a reflecting structure for surface light sources as claimed in claim 8 or 9, of which the white film is a composite film that contains voids in both the surface layer and the inner layer thereof, and in which the mean diameter of the cross section of the voids is smaller in the surface layer than in the inner layer.

11. The white film for a reflecting structure for surface light sources as claimed in any of claims 1 to 10, in which the coating layer additionally contains organic and/or inorganic fine particles.

12. The white film for a reflecting structure for surface light sources as claimed in any of claims 1 to 11, in which the coating layer and/or the white film additionally contains a fluorescent brightener.